Surge Protection Device - N-Type

PROSPD11N

Our coaxial F-Type SPD shields your aerial system's devices from power surges. Equipment such as TVs, amplifiers, and receiver boxes would benefit from having this line of defence.

Surge Protective Devices (SPD) are used to protect installations from electrical power surges known as "transient overvoltages".

The gas discharge tube (GDT) is sealed with ceramic and its interior consists of two or more metal electrodes with gaps filled with the inert gases, argon and neon. As the overvoltage passes through, it arcs between the electrodes, allowing current to flow to ground, thus protecting your devices.

Features:

- Easy installation
- Brass metal casing
- Strong protection and high reliability
- High discharge capability
- IP20 rated

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Electrical Characteristics

Product Name	PROSPD11N					
Connection Type	N-Type					
Interface Type	Male to Female					
Gas Discharge Tube Arrester	90V/230V/350V					
Frequency Range	DC - 2.5GHz					
Operating Current	None					
Max. Discharge Current (8/20μs) (Imax)	10KA					
Insertion Loss	<0.2dB					
Insulation Resistance	≥5000MΩ					
Impedance	50Ω					
Input Power	<20W	<50W	<100W	<200W	<400W	<500W
Initial Discharge Voltage	≥50V	≥70V	≥120V	≥190V	≥280V	≥280V
Protection Mode(s)	Common Mode					

Mechanical Characteristics

Technology	Gas Discharge Tube (GDT)
Connection to Network	Connector Male to Female
Mounting	Feedthrough
Housing Material	Brass HPb59-1 GB4425-84
Working Temperature (°C)	-40 to 70
Degree of Protection	IP20
Failsafe Mode	Short-Circuit
Disconnection Indicator	Transmission Interrupt

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